

Serial Number 09/757,721

Art Unit 1773

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at least one flame retardant which is soluble in polyester, where said at least one flame retardant, as a dispersed component of a masterbatch, is fed directly by an extruder during production of the film, wherein said masterbatch had previously been dried by gradual heating at subatmospheric pressure, with stirring;

a polyester; and

wherein said transparent polyester film does not embrittle when exposed to temperatures of 100°C for 100 hours.

2. (Previously Amended) The polyester film as claimed in claim 1, wherein the masterbatch further comprises a hydrolysis stabilizer.
3. (Previously Amended) The polyester film as claimed in claim 1, wherein the masterbatch is further dried, with stirring, at a constant elevated temperature, followed by further drying at constant elevated temperatures and subatmospheric pressures.
4. (Original) The polyester film as claimed in claim 1, wherein the flame retardant is selected from one or more organic phosphorus compounds.
5. (Original) The polyester film as claimed in claim 2, wherein the hydrolysis stabilizer is selected from the group consisting of phenolic hydrolysis stabilizers, alkali metal/alkaline earth metal stearates and/or alkali metal/alkaline earth metal carbonates.
6. (Original) The polyester film as claimed in claim 1, wherein the film comprises from 0.5 to 30.0% by weight of flame retardant.

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7. (Original) The polyester film as claimed in claim 2, wherein the film comprises from 0.1 to 1.0% by weight of hydrolysis stabilizer.
8. (Original) The polyester film as claimed in claim 1 or 2, wherein the film has two or more layers and comprises a base layer and at least one outer layer.
9. (Original) The polyester film as claimed in claim 8, wherein the flame retardant is present in the outer layer.
10. (Original) The polyester film as claimed in claim 9, wherein from 0.5 to 30% by weight (based on the weight of the outer layer) of the flame retardant is present in the outer layer.
11. (Original) The polyester film as claimed in claim 8, wherein the hydrolysis stabilizer is present in the outer layer.
12. (Original) The polyester film as claimed in claim 11, wherein from 0.1 to 1.0% by weight (based on the weight of the respective outer layer) of the hydrolysis stabilizer is present in the outer layer.
13. (Original) The polyester film as claimed in claim 1, wherein the film comprises recycled material.
14. (Original) The polyester film as claimed in claim 1, wherein the film has a surface gloss, measured according to DIN 67530 (measurement angle 20°), of greater than 100.
15. (Original) The polyester film as claimed in claim 1, wherein the film has a luminous transmittance L, measured according to ASTM D 1003, of more than 80%.